

Claims

What is Claimed is:

1. A method, comprising the steps of:
 - setting a language for an application;
 - registering components on a list of listeners when the components are to be displayed by the application, wherein the components have a language setting;
 - changing the language setting of each component on the list of listeners to the language for the application when the language setting is different from the language for the application; and
 - displaying the components in the language for the application.
2. The method according to claim 1, further comprising the step of:
 - removing the components from the list of listeners when the component is finished being displayed by the application.
3. The method according to claim 1, further comprising the steps of:
 - resetting the language for the application to a new language; and
 - repeating the changing step.
4. The method according to claim 1, wherein only components including language sensitive properties are registered to the list of listeners.
5. A method, comprising the steps of:
 - registering a graphical user interface component with a language manager;

changing a language setting of the component to a first language contained in the language manager when the component is registered with the language manager; and

displaying the component in the first language contained in the language manager.

6. The method according to claim 5, further comprising the steps of:

changing the language setting of the component to a second language contained in the language manager; and

displaying the component in the second language contained in the language manager.

7. The method according to claim 6, further comprising the step of:

receiving an instruction to change the language setting of the component to the second language contained in the language manager.

8. The method according to claim 5, further comprising the step of:

de-registering the component from the language manager when the component is finished being displayed.

9. The method according to claim 5, wherein the registering step is performed when the component is to be displayed.

10. A system, comprising:

a plurality of resource bundles containing language specific information, each set of resource bundles corresponding to a predetermined language;

a graphical user interface component to be displayed on an output arrangement, wherein the component retrieves language specific information from the plurality of resource bundles; and

a language manager containing a language setting for an application, wherein the component is registered with the language manager when the component is to be displayed and the language manager provides the component with access to the set of resource bundles corresponding to the language setting.

11. The system according to claim 10, wherein one of a user and the application may change the language setting.
12. The system according to claim 10, wherein the language setting is a default language for the application.
13. The system according to claim 10, wherein the component is de-registered from the language manager when it is finished being displayed.
14. The system according to claim 10, wherein the resource bundles and the component include a corresponding parameter key, a value of the parameter key is the language specific information in each of the resource bundles, and the component obtains the value from the set of resource bundles corresponding to the language setting in the language manager.
15. The system according to claim 10, wherein when the language setting is changed, the language manager provides the component with access to the set of resource bundles corresponding to a new language setting.